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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

Hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:
 Date: 9/7/04 Name: Anthony P. Curtis, Ph.D., Reg. No. 46,193 Signature: [Signature]

**BRINKS
HOFER
GILSON
& LIONE**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Takahito Maruyama et al.

Appln. No.: 10/759,402

Examiner: Not yet assigned

Filed: January 16, 2004

Art Unit: 1712

For: THERMAL PRINTER

Attorney Docket No: 9281/4751

Mail Stop Amendment
 Commissioner for Patents
 P. O. Box 1450
 Alexandria, VA 22313-1450

TRANSMITTAL

Sir:

Attached is/are:

Transmittal Cover Letter (1p. Filed in Dup.); Substitute Preliminary Amendment (7pp.); 1 Replacement Drawing Sheet (Fig. 5)
 Return Receipt Postcard

Fee calculation:

No additional fee is required.
 Small Entity.
 An extension fee in an amount of \$_____ for a _____-month extension of time under 37 C.F.R. § 1.136(a).
 A petition or processing fee in an amount of \$_____ under 37 C.F.R. § 1.17(_____.)
 An additional filing fee has been calculated as shown below:

	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$9=			x \$18=	
Indep.		Minus			x 43=			x \$86=	
First Presentation of Multiple Dep. Claim					+\$145=			+\$290=	
					Total	\$		Total	\$

Fee payment:

A check in the amount of \$_____ is enclosed.
 Please charge Deposit Account No. 23-1925 in the amount of \$_____. A copy of this Transmittal is enclosed for this purpose.
 Payment by credit card in the amount of \$_____ (Form PTO-2038 is attached).
 The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Date

9/7/04

Respectfully submitted,

Anthony P. Curtis, Ph.D. (Reg. No. 46,193)

SEP 09 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service, with sufficient postage, as first class mail in an envelope addressed to:

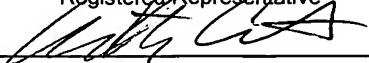
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on 9/7/04

Date of Deposit

Anthony P. Curtis, Ph.D., Reg. No. 46,193

Name of applicant, assignee or
Registered Representative



Signature

9/7/04

Date of Signature

Our File No. 9281-4751
Client Reference No. J US02239

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Takahito Maruyama et al.)
Serial No. 10/759,402)
Filing Date: January 16, 2004)
For: Thermal Printer)

SUBSTITUTE PRELIMINARY AMENDMENT

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Prior to examination of the above-identified application, please amend the application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Amendments to the Drawings begin on page 6 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

Remarks begin on page 7 of this paper.